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NORTH KESTEVEN RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1963

LINCOLN:
DONCASTERS LTD., MINT LANE

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NORTH KESTEVEN RURAL DISTRICT COUNCIL

ANNUAL REPORT of the Medical Officer of Health and Public Health Inspector for 1963.

Chairman: Mr. W. E. Young, J.P., Branston
Vice-Chairman: Mr. G. W. Hutson, J.P., North Hykeham, Lincoln.
Treasurer: National Provincial Bank Limited, Lincoln.
Medical Officer of Health: Dr. E. I. Blenkinsop.
Clerk & Chief Financial Officer: Mr. F. Foster
Assistant Clerk & Deputy Financial Officer: Mr. T. L. Hill.
Legal Advisers: Messrs. Danby, Eptons & Griffith, Solicitors, Lincoln.

Rating & Valuation Officer and Housing Manager: Mr. A. Elkington, F.R.V.A.

Surveyor and Chief Public Health Inspector: Mr. J. Freeman, M.I.Mun.E., M.R.S.H., M.A.P.H.I.

Deputy Surveyor: Mr. J. B. Smart

Additional Public Health Inspectors:
Mr. D. G. Owens, M.A.P.H.I.
Mr. R. I. Bairstow, M.A.P.H.I.
Mr. J. H. Bulmer

Council Offices:
31 Clasketgate, Lincoln.
Telephone No. 23221.

Surveyors—27395.
Garage and Store, Sleaford Road, Metheringham.
Telephone No. 470.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating and Valuation Committee)

Mr. Chairman, Ladies and Gentlemen,

As your Medical Officer of Health, I beg to lay before you my report on the vital statistics, Health and Sanitary Conditions of your District for the year ending 31st December, 1963.

Statistics and Social Conditions of the Area.

Area (acres)	100,783
Population 1963 (Estimated Mid-Year)	35,890
1962	35,080
Dwelling houses (including houses with shops)	9,138
Commercial Properties	516
Licensed Premises	57
Entertainment and Recreational	48
Public Utility	41
Educational and Cultural	18
Industrial	32
Miscellaneous	246
Total number of hereditaments	10,096
Rateable Value of District	£757,804
Penny Rate Product	£3,651

Council Tenancies

Permanent houses and bungalows	1,813
Aluminium bungalows	60
Total	1,873

Considerable progress has been made with exchanges and transfers to make the best use of the housing accommodation available.

The following industries and occupations exist in the district:—Agriculture, crop drying, an egg packing station, brick making kilns, aircraft repair works, sewage works for Lincoln City, a light engineering factory, stone and sand and gravel quarries, road car depots and garages, wholesale distributors (SPD), a clothing factory, Jointine products, the Malleable Iron Works, food manufacture (N.A.A.F.I.) bakery at North Hykeham and pest control, Fisons at Metheringham.

VITAL STATISTICS 1963

Birth and Death Rates

As the age and sex distribution of the population in different areas materially affects both the Birth and Death rates of these areas, comparability factors allowing for this are issued by the Registrar General for each local Government Unit. These factors are used in calculating what are termed as nett rates and fairer comparisons are obtained if the latter are used when comparing rates with those of any other area (when these have been similarly adjusted) or with rates for the Country as a whole).

These factors for Births and Deaths in respect of North Kesteven Rural District are 0.95 and 0.85 respectively. The corresponding figures when multiplied by the Crude Rate (that is, for Births and Deaths as the case may be) will give the nett rate.

	M.	F.	Total
Live Births	401	372	773
Legitimate	387	357	744
Illegitimate	14	15	29
Crude live birth rate per 1,000 population ..	..	..	21.54
Nett live birth rate per 1,000 population	..	..	20.46
Rate for England and Wales	..	..	18.2
Illegitimate live births—Per cent of total births ..	..		3.75%
Still births	5	2	7
Legitimate	3	2	5
Illegitimate	2	—	2
Still birth rate per 1,000 live and still births ..	..	..	8.97
Rate for England and Wales	..	..	17.3
Total live and still births	406	374	780
Deaths	226	211	437
Crude death rate per 1,000 of estimated population ..		..	12.18
Nett death rate per 1,000 of estimated population ..		..	10.35
Rate for England and Wales	..	..	12.2

Infant Mortality	M.	F.	Total
i.e. deaths of infants under the age of 1 year ..	11	2	13
Legitimate	10	2	12
Illegitimate	1	—	1
Infant Mortality rate per 1,000 live births			16.82
Rate for England and Wales			20.9
Legitimate infant deaths per 1,000 legitimate live births			16.13
Illegitimate infant deaths per 1,000 illegitimate live births.. ..			34.43
Deaths of infants under four weeks	9	1	10
Deaths of infants under one week	9	—	9
Neonatal mortality rate per 1,000 live births under 4 weeks ..			12.94
Early neonatal mortality rate per 1,000 live births under 1 week ..			11.64
Perinatal Mortality rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)			20.51

Maternal Mortality (including abortion)

Number of deaths	0
Rate per 1,000 total live and still births	0.00

The birth rate at 20.46 per 1,000 of the population is slightly higher than that of England and Wales as a whole at 18.2 which is the highest since the year 1948. This is to be expected in an area where there are many young families and developing housing estates.

The death rate at 10.35 compares favourably with the figures for England and Wales at 12.2.

The infant mortality rate for the area was 16.82 which compares with that of the national average of 20.9.

The natural increase in the population of the area, that is the excess of live births over deaths was 336, which indicates a measure of expansion and prosperity in the area.

CAUSES OF DEATH

		Male	Female	Total
1.	Tuberculosis, respiratory	1	—	1
2.	Tuberculosis, other	—	—	—
3.	Syphilitic disease	1	—	1
4.	Diphtheria	—	—	—
5.	Whooping Cough	—	—	—
6.	Meningococcal infections	—	—	—
7.	Acute poliomyelities	—	—	—
8.	Measles	—	—	—
9.	Other infective and parasitic diseases ..	—	1	1
10.	Malignant neoplasm, stomach	5	4	9

		Male	Female	Total
11.	Malignant neoplasm lung, bronchus ..	6	2	8
12.	Malignant neoplasm, breast	—	7	7
13.	Malignant neoplasm, uterus	—	1	1
14.	Other malignant and lymphatic neoplasms	14	8	22
15.	Leukamia, aleukaemia	1	2	3
16.	Diabetes	3	1	4
17.	Vascular lesions of nervous system ..	13	37	50
18.	Coronary disease, angina	57	25	82
19.	Hypertension with heart disease	2	6	8
20.	Other heart disease..	31	44	75
21.	Other circulatory disease	6	13	19
22.	Influenza	1	2	3
23.	Pneumonia	14	19	33
24.	Bronchitis	17	7	24
25.	Other disease of respiratory system ..	1	—	1
26.	Ulcer of stomach and duodenum ..	3	—	3
27.	Gastritis, enteritis and diarrhoea.. ..	3	1	4
28.	Nephritis and nephrosis	1	2	3
29.	Hyperplasia of prostate	5	—	5
30.	Pregnancy, childbirth, abortion ..	—	—	—
31.	Congenital malformations	2	1	3
32.	Other defined and illdefined diseases ..	23	16	39
33.	Motor vehicle accidents	8	3	11
34.	All other accidents	6	4	10
35.	Suicide	—	4	4
36.	Homicide and operations of war ..	2	1	3

Coronary disease, Angina, was the principal cause of death accounting for 18.76% of the total deaths. Other heart diseases accounted for 17.16% of the total deaths. Vascular lesions of the central nervious system i.e. Strokes, accounted for 11.40% of the total deaths. Cancer in all forms accounted for 11.40%, one in six being due to cancer of the stomach.

There were 11 deaths due to motor vehicle accidents which is 5 more than the previous year. Deaths due to all other accidents amounted to 10 which is 5 more than the previous year.

There were 4 deaths from suicide, the figure being double the previous year's figure.

There were no deaths due to notifiable infectious disease apart from one due to respiratory tuberculosis.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Nursing in the Home

Under the County Council Scheme, District Nurse/Midwives are stationed at villages throughout the area.

They are stationed at:—

BASSINGHAM	**Dales, Nurse**	**Nurse's House, Eastgate, Bassingham Bassingham 248**
BRANSTON	**Chapman, Nurse**	**53 Hillside Estate, Branston Branston 285**
BRANT BROUGHTON	**Robinson, Nurse**	**8 Herons Close, Main Street, Claypole Fenton Claypole 235**
HYKEHAM NORTH	**Lewis, Sister**	**Mooring, Green Lane, North Hykeham North Hykeham 273**
HYKEHAM NORTH	**O'Boyle, Mrs**	**49 St Catherine's, Lincoln Lincoln 21829**
LEADENHAM	**Hopkinson, Nurse**	**Nurse's House, Station Road, Leadenham Fulbeck 266**
POTTERHANWORTH	**Miss M Phillips**	**Nurse's House, Nocton, Lincoln Metheringham 453**
SKELLINGTHORPE	**Daft, Nurse**	**Brentwood, Green Lane, North Hykeham North Hykeham 515**
SWINDERBY	**Frith, Nurse**	**Harmston Road, Aubourn, Lincoln Bassingham 320**
WADDINGTON	**Gregory, Nurse**	**'High Corner', Hill Top, Waddington Waddington 320**
WASHINGBORO'	**Neave, Nurse**	**Nurse's House, 10 Fen Road, Heighington Washingborough 281**
WELLINGORE	**Smith, Nurse**	**Nurse's House, Grantham Road, Navenby Navenby 302**

Health Visitors

All district nurse/midwives act as health visitors and in addition there are three full time health visitors, one covering the North Hykeham and Waddington areas, the second covering the Skellingthorpe, Bracebridge Heath and Eagle areas and the third the Bassingham area.

The health visitor provides a medico social service to the family and in particular to mothers and infants, the aged, the tuberculosis patient and the problem family.

Immunization and Vaccination

Diphtheria, whooping cough and poliomyelitis immunization, also smallpox vaccination is provided free of charge by the general practitioners in the area. Poliomyelitis immunization has also been carried out at the Lindum Road School clinic. A large number of diptheria and tetanus immunizations were carried out at the schools in the area, by myself.

Ambulance Service

Ambulances serving the area are based at Sleaford and also considerable use is made of the Lincoln City Ambulance Service. A new ambulance depot has now been opened at Waddington which will make the area more independant of the Lincoln City Ambulance Service.

School Clinic

This is held every Wednesday morning at 30 Lindum Road, Lincoln between the hours of 9-30 a.m. to 11.30 a.m.

Infant Welfare Clinics

These are scattered throughout the principal villages in the area. See enclosed list of Infant Welfare Clinics.

Mothercraft and Relaxation Classes

These take place at the Church Hall I.W.C. at North Hykeham and there has been a moderately good attendance. In addition to a session of relaxation exercises, a talk relating to pregnancy, childbirth or mothercraft was given at each attendance.

Hospital Services

All the usual hospital services are provided by the Sheffield Regional Hospital Board at the Lincoln County and St. Georges Hospital, Lincoln. Also situated in the Council's area are St. John's Hospital which specializes in cases of mental illness and Harmston Hall Hospital at Harmston which specializes in cases of mental subnormality. There is also a hospital at Branston for the treatment of tuberculosis. Nocton Hall R.A.F. Hospital caters for R.A.F. personnel living in the area and also their families.

Public Health Laboratory Service.

Bacteriological investigations are carried out by the Public Health Laboratory Service situated at Lincoln County Hospital under the supervision of Dr. Croll. The service includes the examinations of milk and water supplies as well as general bacteriological examinations for the general practioners and the Public Health Departments. I should particularly like to thank Dr. Croll for his generous assistance and advice.

Venereal Disease Clinic

A special clinic for the diagnosis and treatment of venereal diseases is held twice a week at the Lincoln County Hospital.

INFECTIOUS DISEASE

Dysentery

There were fifty-five notifications of dysentery during 1963.

Diptheria

No cases were notified during the year but cases are often occurring in the country from time to time and it is essential that a high level of immunization be maintained in order to prevent the possibility of an outbreak.

Whooping Cough

Eleven cases were notified during 1963.

Poliomyelitis

There were no cases of poliomyelitis notified during the year in this area.

There are now plentiful supplies of oral vaccine available and it is most essential that all children should receive this vaccine in order to maintain an immune community. It is thought that the immunity from 3 doses of oral vaccine is probably lifelong.

INFANT WELFARE CLINICS

Centre	Doctor	Secretary	Day When Held
BASSINGHAM The Comrades Hall	Dr. I. F. A. Blakeney	Mrs. P. Holmes Bassingham Lincoln Bassingham 375	3rd Tuesday
BRACEBRIDGE HEATH The Village Hall	Dr. E. I. Blenkinsop	Mrs. A. A. Baumber 7 Canwick Avenue, Bracebridge Heath, Lincoln	2nd and 4th Thursday
BRANSTON The Methodist Chapel	Dr. I. F. A. Blakeney	Mrs. H. E. Deverill 110 Lincoln Road, Branston	2nd Tuesday
EAGLE The Village Hall	Dr. E. I. Blenkinsop	Mrs. I. Roe, Enfield Farm, Eagle	2nd Wednesday
HEIGHINGTON The Village Hall	Dr. E. I. Blenkinsop	Mrs. E. Pratt, Heighington Hall, Heighington, 'Phone- Washingborough 244	2nd Thursday
LEADENHAM The Village Hall	Dr. E. A. Whiteley	Mrs. Greasley, School House, Leadenham	4th Friday
LINCOLN BRANT ROAD Social Club	Dr. T. J. 'O'Sullivan	Mrs. A. McLeod, 'Torridon', Brant Road, Lincoln	4th Monday
METHERINGHAM The Village Hall	Dr. I. F. A. Blakeney (1st Wednesday)	Mrs. D. Fincham, Jubilee House, Metheringham 'Phone: Metheringham 231	1st and 3rd Wednesday
NAVENBY The Wesleyan School	Dr. I. F. A. Blakeney	Mrs. C. H. Powley, School House, Navenby 'Phone: Navenby 318	2nd Friday
NOCTON R.A.F. HOSPITAL R.A.F.	R.A.F. Medical Officer		Wednesday fortnightly
NORTH HYKEHAM NEWARK ROAD The Memorial Hall	Dr. E. A. Whiteley (3rd Monday)	Mrs. E. M. Anderson, 292 Newark Road, North Hykeham 'Phone: North Hykeham 280	1st and 3rd Monday
NORTH HYKEHAM VILLAGE The Church Hall	Dr. E. I. Blenkinsop (4th Tuesday)	Miss E. Holt, 171 Lincoln Road, North Hykeham North Hykeham 402	2nd and 4th Tuesdays
POTTERHANWORTH The Village Hall	Dr. I. F. A. Blakeney	Mrs. T. H. N. Battle The Old Hall, Potterhanworth, 'Phone: Branston 338	3rd Friday
SKELLINGTHORPE The Women's Institute	Dr. E. I. Blenkinsop	Mrs. A. L. Taylor, The Hollies, Skellingthorpe	2nd Monday
SWINDERBY Methodist Church School Room	Dr. E. I. Blenkinsop	Mrs. M. W. Laird, Potter Hill Farm, Collingham, Newark 'Phone: Collingham 228	1st Thursday
WADDINGTON The Church Hall	Dr. E. I. Blenkinsop (1st Tuesday)	Mrs. M. A. Lowe, 'Pondcherri', Clifi Road, Waddington	1st and 3rd Tuesday
WASHINGBOROUGH The Village Hall	Dr. E. I. Blenkinsop	Mrs. M. J. Onyon, Suffolk House, Washingborough, 'Phone: Washingborough 234	3rd Thursday
WADDINGTON R.A.F.	R.A.F. Medical Officer		1st and 3rd Thursday

INFECTIOUS DISEASES

Age	Diphtheria	Puerperal Pyrexia	Pneumonia	Opthalmia Neonatorum	Measles	Whooping Cough	Erysipelas	Dysentery	Scarlatina	Acute Polio-myelitis	Cerebro Spinal Fever	Para-typhoid Fever	Total
Under 1 year	—	—	—	—	6	1	—	3	—	—	—	—	10
1—2	—	—	—	—	69	5	—	4	—	—	—	—	78
3—4	—	—	—	—	100	2	—	10	—	—	—	—	112
5—9	—	—	—	—	161	3	—	17	1	—	—	—	182
9—15	—	—	—	—	20	—	1	8	—	—	—	—	29
15—20	—	—	—	—	10	—	—	2	—	—	—	—	12
20—35	—	—	1	—	5	—	—	8	—	—	—	—	14
35—45	—	—	—	—	5	—	1	3	—	—	—	—	9
45—65	—	—	—	—	—	—	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	1	—	376	11	2	55	1	—	—	—	446
Admision to Hospital	—	—	—	—	1	—	—	2	—	—	—	—	3

Food Poisoning (suspected)

One case of this condition was notified during the year.

Tuberculosis

There were seven new cases of tuberculosis notified during the year. Of these seven cases one was pulmonary, two respiratory, two kidney, one falopian tube and one cervical gland. One death was attributable to respiratory tuberculosis during the year. Enormous developments have taken place in the treatment and prevention of tuberculosis in recent years but if there is any relaxation in the battle against this disease final eradication will be further postponed.

With regard to cases of infectious disease in general it should be noted that a considerable number of these are admitted to hospital in Lincoln before a diagnosis is made. If the diagnosis is made in a Lincoln Hospital, the notification return is included in those of Lincoln City and not in that of the North Kesteven R.D.C. The hospital concerned however makes the practice of informing myself of the diagnosis in order that preventive measures can be carried out in the home and locality from which the case originated.

FOOD AND DRUGS ACT, 1955

Inspection of Meat.

In the area there are 2 licenced slaughterhouses.

The following is a tabular statement for the post-mortem inspection of animals:—

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	594	1000	23	982	2350	26
Number inspected	594	1000	23	982	2350	26
All diseases except Tuberculosis and Cysticerci Whole carcases condemned	5	42	3	13	11	Nil
Carcases of which some part or organ was condemned	43	238	Nil	3	42	2
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	8.08%	28%	13%	1.6%	2.3%	7.7%
Tuberculosis only: Whole carcases condemned	7	26	2	Nil	Nil	Nil
Carcases of which some part or organ was condemned	55	99	2	Nil	77	Nil
Percentage of the number inspected affected with tuberculosis	10.7%	12.5%	17.4%	Nil	3.3%	Nil
Cysticercosis: Carcases of which some part or organ was condemned	1	1	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration	1	1	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

Weight of Meat Condemned.

	Carcase Meat			Offal		
	tons	cwts.	lbs.	tons	cwts.	lbs.
Bovine	14	4	43	4	7	55
Sheep	—	8	34	—	1	14
Pigs	—	16	46	—	5	95
Horses	—	—	—	—	—	40
Total:	15	9	11	4	14	82

The Ministry of Agriculture, Fisheries and Food continue sending reactor cattle into the slaughterhouse of Messrs. Hughes & Son (Skellingthorpe) Ltd.

Food Premises.

(i) The following is a tabular statement of the type of food premises in the area.

Restaurants and Cafes	Butchers	Grocers & Confectioners	Fish & Chip Fryers	Bakehouses	Fruiterers	Licensed Premises
18	23	103	11	9	2	62

(ii) **Food Premises registered under Section 16 of the Food and Drugs Act, 1955.**

Sale of Ice-Cream	Manufacture of Meat Products	Fish and Chip Fryers
117	24	11

171 inspections of the above premises were made during the year.

(iii) **Disposal of Condemned Meat.**

This is taken to a Knackers Yard in the district for processing into pet food and fertilisers.

Ice Cream (Heat Treatment, etc.) Regulations, 1947-52

There are no manufacturers of ice-cream in the district, but there are several soft ice-cream vehicles operating from registered premises in North Hykeham.

During the year forty-seven samples of ice-cream and twenty-three samples of ice-cream-mix were taken. Of the forty-seven samples of ice-cream, thirty-six were found to be grade I, three grade II, one grade III and seven grade IV.

Of the twenty-three samples of ice-cream-mix, thirteen were found to be grade I, two were grade II, four were grade III and four grade IV.

Food Hygiene

During the year routine inspections of food premises continued and 171 inspections were made.

SANITARY INSPECTION OF THE AREA

Visits to Slaughterhouses	345
Drains Tested	734
Housing Inspection	934
Knackers Yard	20
Refuse Tips	200
Inspections on Complaint	129
Other Inspections under Public Health Act	293
Inspections under Food and Drugs Act	175
Milk Samples	29
Infectious Diseases	45
Water Samples taken	16
Caravan Acts	115
Sewer Dykes	57
Visits *re* Water Supplies	2
Visits to Council Houses *re* Repairs	2587
Sewage Works	149
Buildings in course of Erection	1530
Scavenging	39
Visits to Housing Sites	350
Factories Act	18
Petroleum	71
Sewers	140
House Drain Connections	55
Garage and Store	56
Miscellaneous	420
Clean Air Act	14
Improvements to Council Houses	176
Town and Country Planning Act	69
Animal Boarding Establishment Act	1

HOUSING

In carrying out their duties under the Housing Acts in respect of unfit houses, investigating applications for Improvement Grants and supervising the subsequent work, your Public Health Inspectors made 934 visits. The following gives brief details of the outcome of this work.

Slum Clearance

During 1963, 37 houses were reported to the Council under Section 16, Housing Act, 1957, as being unfit for human habitation and incapable of being rendered fit at reasonable expense.

Of the 37 houses, Demolition Orders were made in 12 cases, Closing Orders in 6 cases, Undertakings accepted in 8 cases and 11 remaining to be finally dealt with at the end of the year.

6 Demolition Orders were made and 2 Closing Orders made by the Council in respect of houses first dealt with before 1963. During the year 29 houses were demolished and 3 made fit.

4 houses were reported as unfit pursuant to Section 42, Housing Act, 1957.

Since 1956 a total of 114 dwellings have been included in Clearance Areas under Section 42 and of these 34 have been demolished. 9 purchased by the Council have not yet been demolished, 45 have been included in confirmed Clearance Orders but not yet demolished, and 26 remain to be dealt with by Clearance Order or otherwise.

Since November, 1955, a total of 180 dwellings, first dealt with by Clearance Order or Section 16 of the Housing Act, 1957, have been demolished.

Rent Act, 1957

During the year one application for a certificate of Disrepair was received and one undertaking from the Landlord received. No Certificates were granted.

Improvement Grants

During the year the Council approved 14 applications for Discretionary Grants, the amount of grants involved being £4,194. The total number of Discretionary Grants approved since the commencement of the Act is 291.

The number of Standard Grants approved during the year was 54 making a total since commencement of the Act of 181.

Conversion of Closets under Section 47, Public Health Act, 1936.

During the year the Council approved 8 applications for converting closets (other than water closets) to water closets, making a total of 150 since the commencement of the scheme.

New Housing

11 new Council Houses were completed during the year bringing the total built since the end of the war to 1,262.

During the year 409 dwellings were completed by private builders making a total of 2,597 since the war. At the end of the year 384 private dwellings were under construction.

Council House Improvements

The number of improvements to older type of Council dwellings by the provision of bathrooms during the year 1963 was 22 bringing the total for 1962 and 1963 to 44.

SANITARY CIRCUMSTANCES IN THE AREA

Water Supply

All parishes have a piped water supply from the Lincoln and District Water Board. Details of the supply are given below.

	Direct Services		*Pillar Fountains*	
	No. of Properties served	*Popl'n served*	*No. of Properties served*	*Popl'n served*
Aubourn, Haddington and South Hykeham	181	615	13	41
Bassingham	195	683	—	—
Beckingham	68	231	18	62
Boothby Graffoe	52	176	—	—
Bracebridge Heath	732	3755	—	—
Branston and Mere	538	1855	41	131
Brant Broughton and Stragglethorpe	181	614	13	56
Canwick	118	401	—	—
Carlton-le-Moorland	68	221	6	22
Coleby	134	496	5	21
Doddington and Whisby	87	302	—	—
Dunston	120	373	11	41
Eagle and Swinethorpe	128	498	—	—
Harmston	86	291	12	31
Heighington	361	1418	12	38
Leadenham	160	540	—	—
Metheringham	352	1195	104	356
Navenby (includes Skinnand) ..	183	634	30	101
Nocton	100	776	—	—
North Hykeham	1923	6324	—	—
North Scarle	83	267	—	—
Norton Disney	47	165	5	19
Potterhanworth	113	386	16	51
Skellingthorpe	676	2474	—	—
Stapleford	26	90	11	38
Swinderby	115	1921	—	—
Thorpe-on-the-Hill (includes Morton)	13	837	—	—
Thurlby	22	81	5	20
Waddington	674	4126	50	157
Washingborough	348	1064	25	73
Welbourn	195	661	15	44
Wellingore	150	511	8	26

The Lincoln and District Water Board forward bacteriological samples for weekly examination and periodic samples for chemical and fluorine content are sent to the Board's Analyst. All the samples have proved to be satisfactory.

CHEMICAL ANALYSES

Waneham Bridge Pumping Station, Metheringham

This water contains per million parts:

Total Solids dried 180° C	740.00
Suspended Matter	Absent
Chlorides as Chlorine	56.80
Nitrate Nitrogen	10.30
Nitrite Nitrogen	0.002
Ammoniacal Nitrogen	0.004
Albuminoid Nitrogen	0.024
Carbonate Hardenss	205,00
Non-Carbonate Hardness	269.00
Excess Alkalinity as Sodium Carbonate	—
Oxygen absorbed from N/80 $KMnO_4$ in 4 hrs. at 27°C	0.20
pH Value	7.1
Odour and Taste	Normal
Colour—Hazen Units	Less than 5
Heavy Metals	Absent
Free Chlorine	Absent
Fluorides as Flourine	0.07

Observations

At the time of sampling this water was of suitable chemical quality for human consumption, domestic use and dairy purposes.

Potterhanworth Pumping Station

This water contains per million parts:

Total Solids dried 180°C	660.00
Suspended Matter	Absent
Chlorides as Chlorine	53.30
Nitrate Nitrogen	8.24
Nitrite Nitrogen	Absent
Ammoniacal Nitrogen	0.004
Albuminiod Nitrogen	0.028
Carbonate Hardness	223.00
Non-Carbonate Hardness	205.00
Excess Alkalinity as Sodium Carbonate	—
Oxygen absorbed from N/80 $KMnO_4$ in 4 hrs. at 27°C	0.26
pH Value	7.1
Odour and Taste	Normal
Colour—Hazen Units	Less than 5
Heavy Metals	Absent
Free Chlorine	Absent
Flurides as Florine	0.07

Observation

At the time of sampling this water was of suitable chemical quality for human consumption, domestic use and dairy purposes.

Refuse Disposal

A weekly collection of refuse was carried out throughout the whole of the district, the work being executed by direct labour.

Refuse was collected from the rear of the premises in the villages of Bracebridge Heath, North Hykeham and Skellingthorpe. Elsewhere householders were required to carry their dustbins to the kerbside.

Tipping continued at Bracebridge Low Fields and to a lesser extent at Metheringham.

Sewage Disposal

At the end of 1962 the following villages were sewered:—Boothby Graffoe, Bracebridge Heath, Branston, Brant Broughton, Heighington, Metheringham, North Hykeham, Washingborough and Welbourn.

Work commecned on the sewering of Navenby and Wellingore and good progress was made with the work.

Small sewer extensions were carried out at Grantham Road, Bracebridge Heath and Mere Road, Waddington and in accordance with the Council's policy adjoining houses having effectual drainage to cesspools were connected to the new sewers.

The Minister of Housing and Local Government held an inquiry into a scheme prepared by the Council's Consulting Engineers for the villages of Bassingham and Carlton le Moorland.

During the year grant aid was given for the conversion into water closets of other types.

Pests Act, 1949

The Council employ two full-time Rodent Operators. The District is divided into two areas, each Operator being responsible for a particular area.

The Report for the Year Ending 31st December, 1963, which is sent to the Ministry of Agriculture, Fisheries and Food, is reproduced to show the results of their work.

		Type of Property				
		Non-Agricultural				Agri-cultural
		(1) Local Authority	(2) Dwelling Houses including Council	(3) All other including Business Premises	(4) Total of Cols (1) (2) & (3)	
1	Number of Properties in Local Authority's District	19	8190	1025	9234	1226
2	Total Number of Properties Inspected as a result of notification	19	614	38	617	33
	Number of such Properties found to be infested by:					
	Common Rat — Major	15	9	3	27	11
	Common Rat — Minor	1	250	13	264	10
	House Mouse — Major	—	2	2	4	4
	House Mouse — Minor	—	1	1	2	—
3	Total Number of Properties Inspected in the course of Survey under the Act	—	4385	345	4739	873
	Number of such Properties found to be infested by:					
	Common Rat — Major	—	17	7	24	57
	Common Rat — Minor	—	1013	16	1029	112
	House Mouse — Major	—	1	1	2	6
	House Mouse — Minor	—	3	—	3	—
4	Total Inspection carried out including Re-Inspections	58	4999	392	5449	906
5	Number of Infested Properties treated by the Local Authority	21	1544	43	1608	157
6	Total treatments carried out including Re-Treatments	58	1544	43	1645	157
7	Number of "BLOCK" Control Schemes carried out	129				

Defects found in Factories, Workshops and Workplaces.

Sanitary accommodation:—

(*a*) Insufficient, Nil. (*b*) Unsuitable or defective 2. All were remedied.

Premises	Number on Register	Inspections	Written Notices
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	3	—	—
Factories not included in (i) in which Section 7 is enforced by the Local Authority	68	15	—
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	20	—	—
TOTAL	91	15	—

Health Education

The Council subscribe to the Central Council for Health Education and received their posters and leaflets. A great deal of time and effort is spent by the staff of the Health Department of this council in persuading members of the public to increase their standard of hygiene. What may appear on a report as a single visit or inspection may have in fact have entailed many hours of explanation and persuasion.

National Assistance Act, 1947

No action was taken under Section 47 of the above Act during 1962. This section provides for the compulsory removal to hospital or an institution of old persons who are suffering from grave chronic disease, or who are generally in an unhygienic or verminous condition and are not properly cared for. Any action under this legislation must I feel always be looked upon as absolutely the last resort and should only be invoked when all other measures have failed, as it deprived the right of freedom to the individual.

In conclusion I should like to thank the Chairman and members of the Council, the other Officials, and in particular the staff of the Public Health Department for their invaluable assistance during the year.

I remain,

Your obedient Servant,

E. I. BLENKINSOP,

Medical Officer of Health.